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(71) Applicant: **Caleffi S.p.A.**
28010 Fontaneto d'Agogna,
Novara (IT)

(72) Inventor: **Caleffi, Marco**
28021 Borgomanero Novara (IT)

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(74) Representative: **Coloberti, Luigi**
Via E. de Amicis No. 25
20123 Milano (IT)

(54) **Flow regulator with flow rate meter**

(57) A flow regulator and flow rate meter device for manifolds in heating systems; the device comprises a tubular casing (14) which can be screwed into the manifold body (10) in a position axially aligned to a branched duct (12); a plug (17) is movable with respect to a valve seat (18), and is screwably supported inside the tubular casing (14) between a forward closed position and backward open positions. A handgrip (25) of transparent plastic material, is operatively connected to the plug (17), while a flow rate indicator rod (26) is made visible and slides within the handgrip (25); the rod (26) penetrates into the branched duct (12) and is provided with a disk (27) subject to the entraining action of the flow. The plug (17) and the valve seat (18) are provided with opposite surfaces (17', 18') which extend axially into the branched duct (12), towards an annular shoulder (18'') for diverting the flow against the disk (27) of the rod (26).

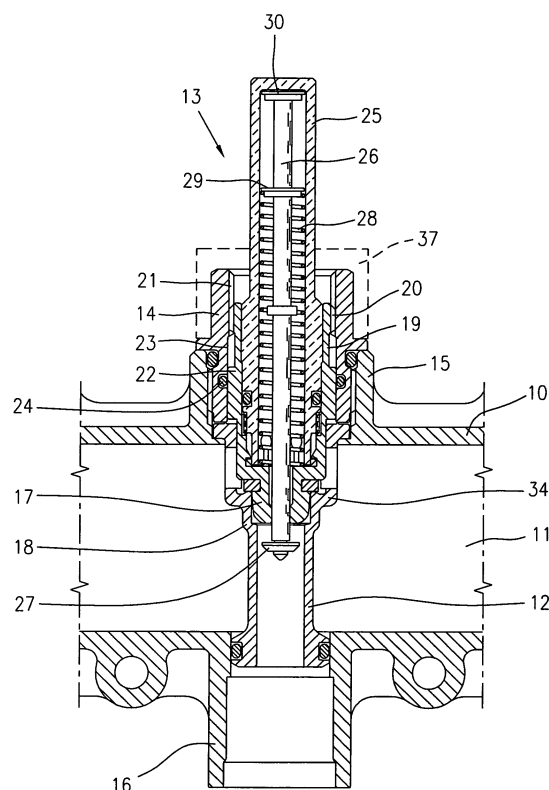


Fig. 1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 04 02 2151

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
			G01F F24D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 12 March 2008	Examiner Heinsius, Robert
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 02 2151

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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